

FIG. 1

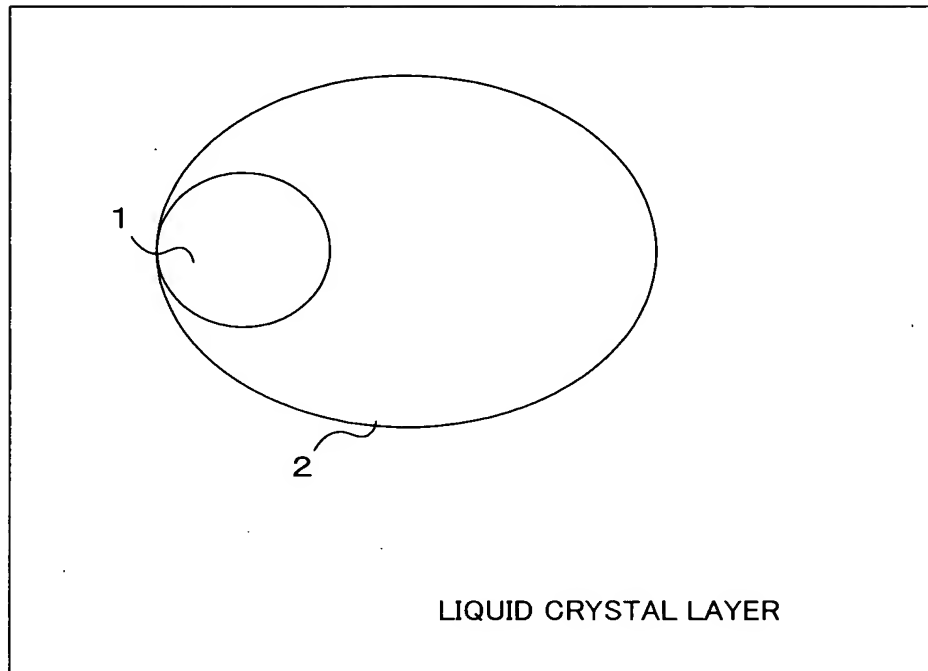


FIG. 2

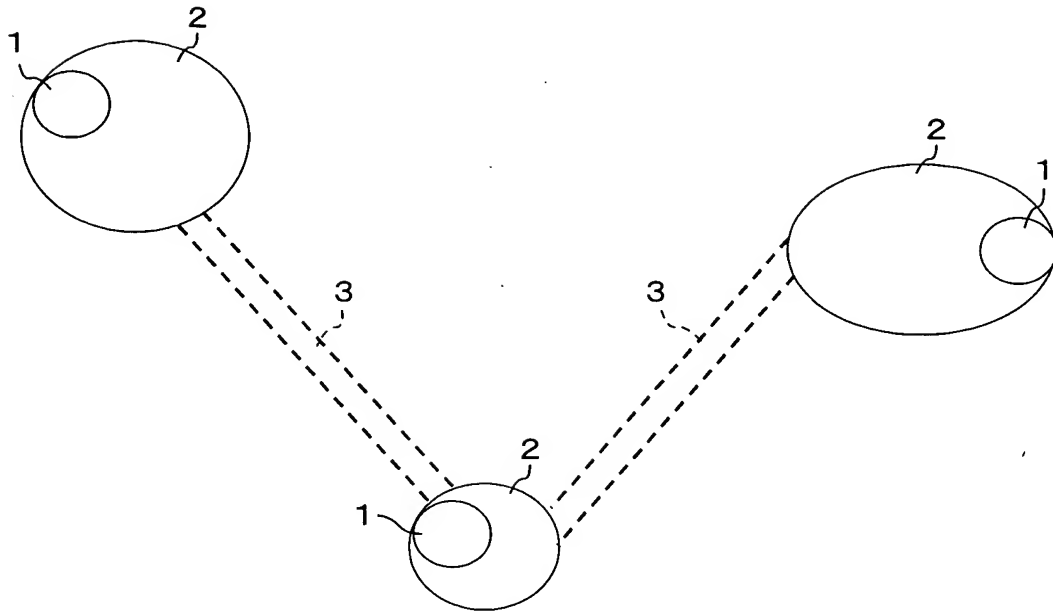


FIG. 3

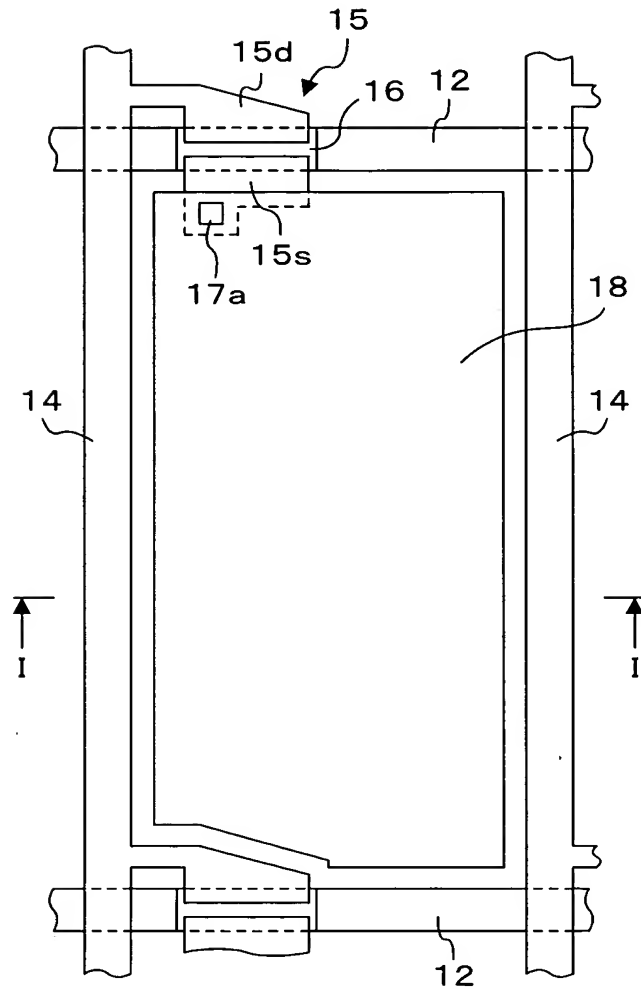


FIG. 4

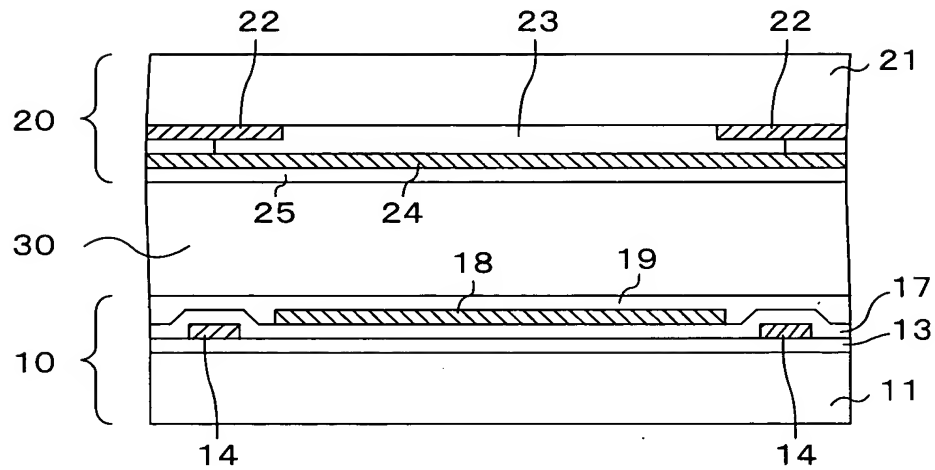


FIG. 5

LIQUID CRYSTAL	PHYSICAL PROPERTIES							VERTICAL ALIGNMENT PROPERTY
	N-I(°C)	S-N(°C)	$\Delta n$	$\Delta \varepsilon$	K <sub>11</sub>	K <sub>33</sub>	$\gamma 1(\text{mPas})$	
LIQUID CRYSTAL A	65	< -20	0.0995	-7.0	12.3	13.0	239	⊙
LIQUID CRYSTAL B	62	< -20	0.0793	-5.1	—	—	153	⊙
LIQUID CRYSTAL C	79	< -20	0.0813	-4.6	14.7	16.7	135	○
LIQUID CRYSTAL D	71	< -30	0.0822	-3.8	13.6	14.7	135	○△
LIQUID CRYSTAL E	71	< -30	0.0825	-3.5	13.3	13.3	141	○△
LIQUID CRYSTAL F	70	< -20	0.1011	-3.3	12.8	12.8	115	△
LIQUID CRYSTAL G	71	< -20	0.0836	-2.1	12.9	15.0	111	△
LIQUID CRYSTAL H	75	< -20	0.0756	-1.3	—	—	—	△
LIQUID CRYSTAL I	72	< -20	0.1057	0.0	—	—	—	×
LIQUID CRYSTAL J	70	< -20	0.2007	3.2	11.3	12.4	115	×
LIQUID CRYSTAL K	92	< -40	0.094	5.2	—	—	133	×
LIQUID CRYSTAL L	65	< -20	0.105	8.7	—	—	—	×

FIG. 6

RELATIONSHIPS BETWEEN SPACER AND CONTRAST

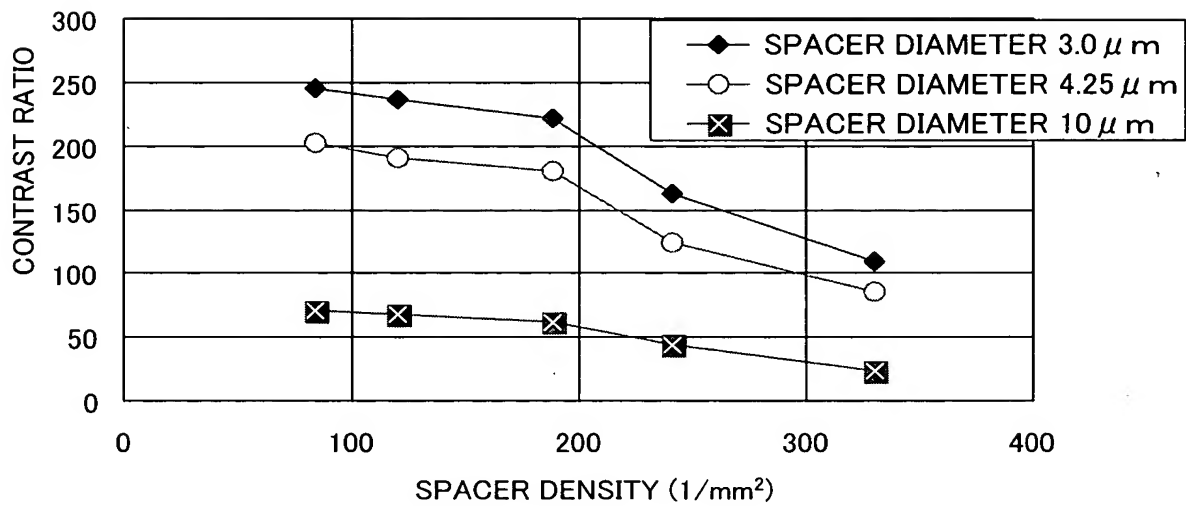


FIG. 7

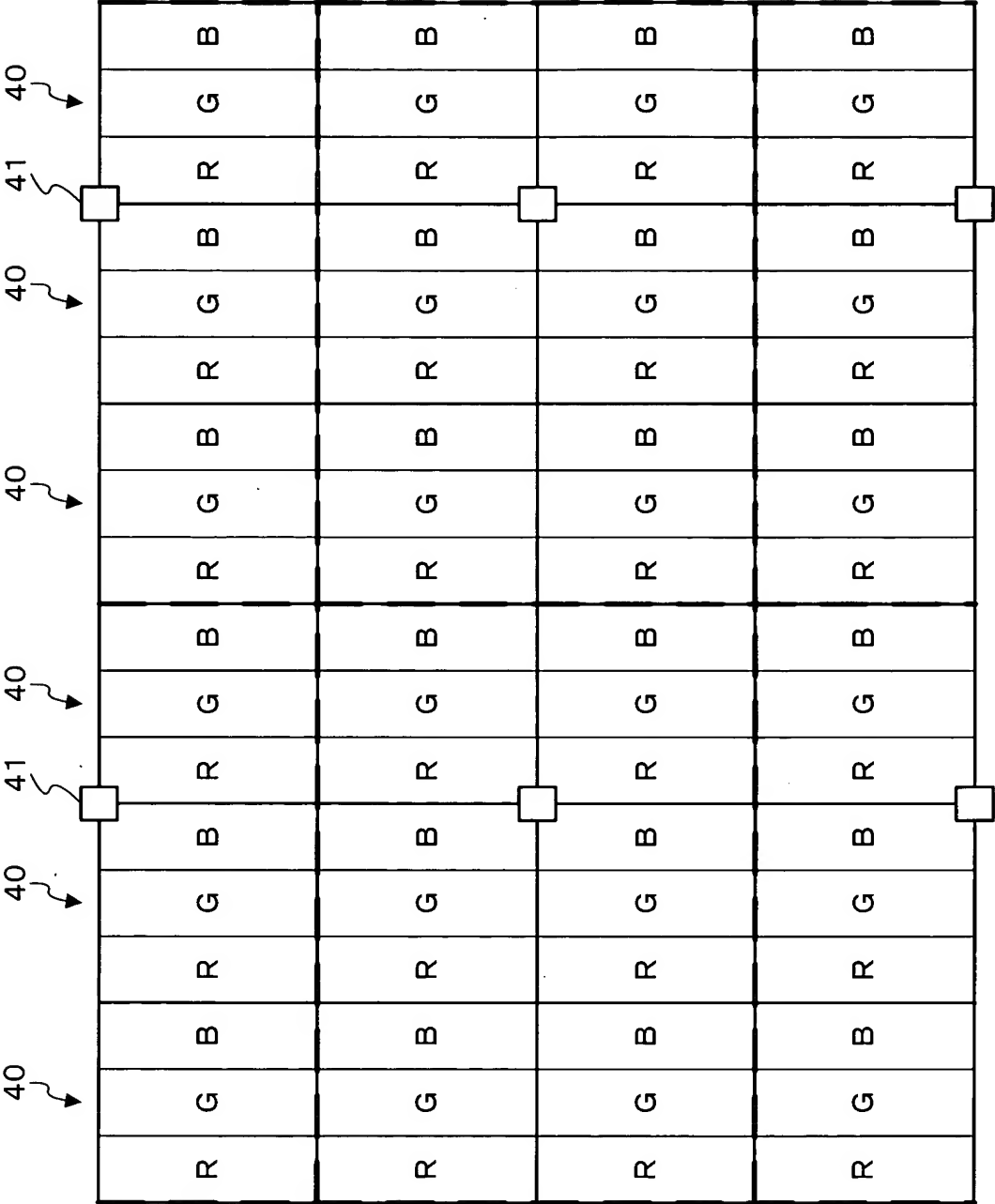


FIG. 8

